

9/13/03  
#15/Amft  
ADocket No.: 21919-00013-US  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Dennis C. Clemes, et al.

Conf. No. 6320

Application No.: 09/848,255

Art Unit: 1772

Filed: May 4, 2001

Examiner: C. Bruenjes

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For: SULPHUR DIOXIDE GENERATOR**AMENDMENT SUBMITTED WITH REQUEST FOR CONTINUED EXAMINATION  
UNDER 37 C.F.R. SECTION 1.114**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 2, 2003 (Tuesday)

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Final Office Action dated May 1, 2003 (Paper No. 6), finally rejecting Claim 1, the period for response having been extended by one (1) month until September 2, 2003, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** begin on page 2 of this paper; and

**Arguments/Remarks** begin on page 5 of this paper.

PTO/SB/97 (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## Certificate of Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on September 2, 2003  
Date

  
\_\_\_\_\_  
Signature

Larry J. Hume  
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Fcc Transmittal (1 page);  
Amendment Transmittal Letter (1 page);  
Petition for one (1) month Extension of Time (1 page);  
RCE Transmittal (1 page); and  
Amendment (8 pages).

Charge CBLH Deposit Account No. 22-0185 \$860.00

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<b>FEET TRANSMITTAL</b> <b>for FY 2003</b> <small>Effective 01/01/2003. Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>		
		Application Number	09/848,255-Conf. #6320	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Filing Date	May 4, 2001		
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b>	First Named Inventor	Dennis C. Clemes	
	860.00	Examiner Name	C. Bruenjes	
		Art Unit	1772	
		Attorney Docket No.	21919-00013-US	
<b>METHOD OF PAYMENT</b> (check all that apply)		<b>FEET CALCULATION (continued)</b>		
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account				
Deposit Account Number	22-0185			
Deposit Account Name	Connolly Bove Lodge & Hutz LLP			
The Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments			
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application				
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				
<b>FEET CALCULATION</b>				
<b>1. BASIC FILING FEE</b>				
Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
1001 750	2001 375	Utility filing fee		
1002 330	2002 165	Design filing fee		
1003 520	2003 260	Plant filing fee		
1004 750	2004 375	Reissue filing fee		
1005 180	2005 80	Provisional filing fee		
<b>SUBTOTAL (1)</b>		<b>(\$)</b>	0.00	
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>				
Extra Claims	Fee from below		Fee Paid	
Total Claims	$\cdot \cdot \cdot =$	$\boxed{\quad} \times \boxed{\quad} =$	$\boxed{\quad}$	
Independent Claims	$\cdot \cdot \cdot =$	$\boxed{\quad} \times \boxed{\quad} =$	$\boxed{\quad}$	
Multiple Dependent		$\boxed{\quad} =$	$\boxed{\quad}$	
Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
1202 18	2202 8	Claims in excess of 20		
1201 84	2201 42	Independent claims in excess of 3		
1203 280	2203 140	Multiple dependent claim, if not paid		
1204 84	2204 42	** Reissue independent claims over original patent		
1205 18	2205 8	** Reissue claims in excess of 20 and over original patent		
<b>SUBTOTAL (2)</b>		<b>(\$)</b>	0.00	
** or number previously paid, if greater. For Reissues, see above				
*Reduced by Basic Filing Fee Paid				
<b>SUBTOTAL (3)</b> <b>(\$)</b> 860.00				

SUBMITTED BY			Complete (if applicable)	
Name (Print/Type)	Larry J. Hume	Registration No. (Attorney/Agent)	44,163	Telephone (202) 331-7111
Signature	<i>Larry J. Hume</i>		Date	September 2, 2003

# FAX TRANSMISSION

DATE: September 2, 2003

PTO IDENTIFIER: Application Number 09/848,255

Patent Number

Inventor: Dennis C. Clemcs, et al

MESSAGE TO: Examiner C. Bruenjes (AU 1772)

FAX NUMBER: (703) 872-9311

FROM: CONNOLLY BOVE LODGE & HUTZ LLP

Larry J. Hume *LJH*

PHONE: (202) 331-7111

Attorney Dkt. #: 21919-00013-US

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PAGES (Including Cover Sheet): 14

CONTENTS:

Fee Transmittal (1 page);  
Amendment Transmittal Letter (1 page);  
Petition for one (1) month Extension of Time (1 page);  
RCE Transmittal (1 page);  
Amendment (8 pages); and  
Certification of Transmission (1 page).  
Charge CBLH Deposit Account No. 22-0185 \$860.00

OFFICIAL

If your receipt of this transmission is in error, please notify this firm immediately by collect call to (202) 331-7111 and send the original transmission to us by return mail at the address below.

CONNOLLY BOVE LODGE & HUTZ LLP  
1990 M Street, N.W., Suite 800, Washington, DC 20036-3425  
Telephone: (202) 331-7111 Facsimile: (202) 293-6229

9/13/03  
#15/RCE

PTO/SB/30 (05-03)

Approved for use through 04/30/2003. OMB 0851-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

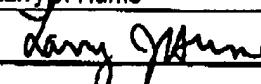
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<b>Request For Continued Examination (RCE) Transmittal</b>		Application Number	09/848,255-Conf. #6320
Address to: MS RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		Filing Date	May 4, 2001
		First Named Inventor	Dennis C. Clernes
		Art Unit	1772
		Examiner Name	C. Bruenjes
		Attorney Docket No.	21919-00013-US

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1985, or to any design application.

1. Submission required under 37 CFR 1.114		Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).	
a. <input checked="" type="checkbox"/> Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.		i. <input type="checkbox"/> Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____	
ii. <input type="checkbox"/> Other _____			
b. <input checked="" type="checkbox"/> Enclosed		i. <input checked="" type="checkbox"/> Amendment/Reply	iii. <input type="checkbox"/> Information Disclosure Statement (IDS)
ii. <input type="checkbox"/> Affidavit(s)/Declaration(s)		iv. <input type="checkbox"/> Other _____	
2. Miscellaneous			
a. <input type="checkbox"/> Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)			
b. <input type="checkbox"/> Other _____			
3. Fees			
The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.			
a. <input checked="" type="checkbox"/> The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 22-0185			
i. <input checked="" type="checkbox"/> RCE fee required under 37 CFR 1.17(e)			
ii. <input checked="" type="checkbox"/> Extension of time fee (37 CFR 1.136 and 1.17)			
iii. <input type="checkbox"/> Other _____			
b. <input type="checkbox"/> Check in the amount of \$ _____ enclosed			
c. <input type="checkbox"/> Payment by credit card (Form PTO-2038 enclosed)			

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print/Type)	Larry J. Hume	Registration No. (Attorney/Agent)	44,163
Signature			Date
		September 2, 2003	

09/17/2003 CSIAS1 0000005 220185 09848255

02 FC:1801 750.00 DA

9/13/03  
#15/ROT  
(1m)

PTO/SB/22 (06-03)

Approved for use through 7/31/2003. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket No. (Optional)  
21919-00013-US

In re Application of Dennis C. Clernes, et al.	
Application Number 09/848,255-Conf. #6320	Filed May 4, 2001
For: SULPHUR DIOXIDE GENERATOR	
Art Unit 1772	Examiner C. Bruenjes

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ 110.00
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ _____
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ _____
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$ _____

Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ \_\_\_\_\_

A check in the amount of the fee is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director has already been authorized to charge fees in this application to a Deposit Account.

The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 22-0185

I have enclosed a duplicate copy of this sheet.

I am the  applicant/inventor.

assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

attorney or agent of record. Registration Number 44,163

attorney or agent under 37 CFR 1.34(a).

Registration number if acting under 37 CFR 1.34(a) \_\_\_\_\_

September 2, 2003

Date

  
Signature

(202) 331-7111

Telephone Number

Larry J. Hume

Typed or printed name

00000005-220185-09849255  
The signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below

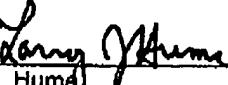
\$110.00 D/R

Total of 1 forms are submitted.

09/17/2003 CSIAS1

01 FC:1251

10950\_1

AMENDMENT TRANSMITTAL LETTER				Docket No. 21919-00013-US	
Application No. 09/848,255-Conf. #6320	Filing Date May 4, 2001	Examiner C. Bruenjes	Art Unit 1772		
Applicant(s): Dennis C. Clemes, et al.					
Invention: SULPHUR DIOXIDE GENERATOR					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	8	- 20 =	x	0.00	
Independent Claims	2	- 3 =	x	0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): One month extension of time (large entity) 110.00					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b> 110.00					
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 22-0185 as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Larry J. Hume Attorney Reg. No.: 44,163			Dated: September 2, 2003		
CONNOLLY BOVE LODGE & HUTZ LLP 1990 M Street, N.W., Suite 800 Washington, DC 20036-3425 (202) 331-7111					